



**BRAVIA**

# Internet Video **Link**

## *Network Video Receiver*

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Operating Instructions

**BRAVIA**

*DMX-NV1*

### Owner's Record

The model and serial numbers are located at the bottom of the receiver. Record these numbers in the spaces provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. \_\_\_\_\_

Serial No. \_\_\_\_\_

### For Your Convenience

#### Please contact Sony directly if you:

- Have questions on the use of your module after reading the Operating Instruction manual and Quick Setup Guide
- Experience difficulty operating your module

#### Contact Sony Customer Support at:

<http://esupport.sony.com/bravialink>

or to speak with a support representative:

#### United States

1-866-918-BIVL (2485)

#### Canada

1-877-899-SONY (7669)

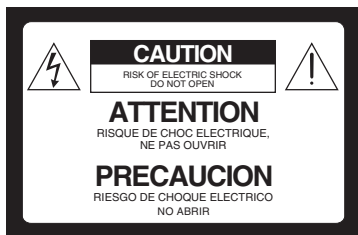
Sony will work to resolve your questions more quickly than your retailer or place of purchase.

**Please Do Not Return the Product to the Store**

**Register your BRAVIA® Internet Video Link at:**  
<https://internet.sony.tv>

## WARNING

To reduce the risk of fire or electric shock, do not expose this receiver to rain or moisture.



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

The receiver shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the receiver.

## CAUTION

To prevent electric shock, do not use this polarized AC plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

### Declaration of Conformity

Trade Name: SONY  
Model: DMX-NV1  
Responsible Party: Sony Electronics Inc.  
Address: 16530 Via Esprillo  
San Diego, CA 92127 U.S.A.  
Telephone Number: 858-942-2230

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## NOTIFICATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- ☐ Reorient or relocate the receiving antenna.
- ☐ Increase the separation between the equipment and receiver.
- ☐ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- ☐ Consult the dealer or an experienced radio/TV technician for help.

Pursuant to FCC regulations, you are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

## CAUTION

Do not attempt to modify this product in any way without written authorization from Sony Electronics, Inc. Unauthorized modification could void the user's authority to operate this product.

### For Customers in Canada

This Class B digital receiver complies with Canadian ICES-003.

### Trademark Information

"BRAVIA" and BRAVIA are trademarks of Sony Corporation.

"XrossMediaBar" is a trademark of Sony Corporation. "XMB" is a trademark of Sony Corporation and Sony Computer Entertainment Inc.

"PLAYSTATION" is a registered trademark and "PS3" is a trademark of Sony Computer Entertainment Inc.

Yahoo! and the Yahoo! logo are registered trademarks of Yahoo! Inc.

YouTube is a registered trademark of Google Inc.

Amazon is a trademark of Amazon.com Inc.

CBS and Showtime are registered trademarks of CBS Broadcasting Inc.

## HDMI

This device incorporates High-Definition Multimedia Interface (HDMI™) technology. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC.

This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision corporation, and is intended for home and other limited consumer uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.

(Continued)

# Important Safety Instructions

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this receiver near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other receiver (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the receiver.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the receiver. When a cart is used, use caution when moving the cart/receiver combination to avoid injury from tip-over.



- 13) Unplug this receiver during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the receiver has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the receiver, the receiver has been exposed to rain or moisture, does not operate normally, or has been dropped.

## USE

### AC power cord and other cables

If you damage the AC power cord or other cables, it may result in a fire or an electric shock. If the AC power cord or other cables is damaged, stop using it at once and contact the Sony service center.

- ☐ Do not place the receiver where the power cord and cables are subject to wear or abuse.
- ☐ Do not pinch, bend, or twist the cord excessively. The core lines may be bared and cut, and cause a short-circuit, resulting in a fire or an electric shock.
- ☐ Do not convert or damage the power cord and cables.
- ☐ Do not allow anything to rest on or roll over the power cord and cables.
- ☐ Do not pull the power cord and cables.
- ☐ Do not move the receiver with the power cord and cables plugged in.
- ☐ Keep the power cord and cables away from heat sources.
- ☐ Be sure to grasp the plug when disconnecting the power cord and cables.

### Wall outlet

Do not use a poor fitting outlet. Insert the plug fully into the outlet. If it is loose, it may cause arcing and result in a fire.

Contact your electrician to have the outlet changed.



### Cable wiring

For your safety, unplug the AC power cord when wiring cables.

Take care not to catch your feet on the cables. It may damage the receiver.

### Electric shock

Do not touch the AC power cord or the receiver with a wet hand. If you plug/unplug the AC power cord from the receiver with a wet hand, it may cause electric shock.



### Lightning

For added protection for this receiver during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the receiver due to lightning and power line surges.

### Small accessories

Keep small accessories out of children's reach.

## CLEANING

- ☐ Clean the AC power plug regularly.
- ☐ If the plug is covered with dust and it picks up moisture, its insulation may deteriorate and result in a fire.
- ☐ Unplug the AC power cord when cleaning this receiver. If not, it may result in electric shock.
- ☐ Clean the casing of the receiver with a dry soft cloth. Stubborn stains may be removed with a cloth slightly moistened with a solution of mild soap and warm water. Never use strong solvents such as thinner or benzine for cleaning.
- ☐ If using a chemically pretreated cloth, please follow the instruction provided on the package.
- ☐ Dust the ventilation holes with a dry cloth.



## VENTILATION

The holes on the side of the receiver are provided for necessary ventilation. To ensure reliable operation of the receiver, and to protect it from overheating, these ventilation holes must never be blocked or covered.

Unless proper ventilation is provided, the receiver may gather dust and get dirty. For proper ventilation, observe the following:

- ☐ Never block the ventilation holes by placing the receiver on a bed, sofa, rug or other similar surface.
- ☐ Never place the receiver in a confined space, such as a bookcase or built-in cabinet, unless proper ventilation is provided.

## Objects and ventilation holes

Never push objects of any kind into the receiver through the ventilation holes as they may touch dangerous voltage points or short out parts that could result in a fire or an electric shock. Never spill liquid of any kind on the receiver.

Do not place any objects on the receiver.

## INSTALLATION

- ☐ The receiver should be installed near an easily accessible power outlet.
- ☐ Do not install the receiver in a hot or humid place, or in a place subject to excessive dust or greasy vapor.
- ☐ Avoid operating the receiver at temperature below 41°F (5°C).
- ☐ When mounted to the back of TV, do not use the receiver as a handle to pick up the TV set.
- ☐ Make sure that the cord and connected cables are placed so that tripping or stumbling may be avoided.

## SERVICING

### Damage requiring service

If the surface of the receiver cracks, do not touch the receiver until you unplug the AC power cord.

Otherwise electric shock may result.

### Servicing

Do not attempt to service the receiver yourself since opening the cabinet may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

### Replacement parts

When replacement parts are required, be sure to have the service technician certify in writing that he/she has used replacement parts specified by the manufacturer that have the same characteristics as the original parts.

Unauthorized substitutions may result in a fire, an electric shock or other hazards.



### Safety check

Upon completion of any service or repairs to the receiver, ask the service technician to perform routine safety checks (as specified by the manufacturer) to determine that the receiver is in safe operating condition, and to so certify. Should the receiver not be repairable, ask a qualified service technician to dispose of the receiver.



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Due to software updates, the screen images you see in this manual may differ from what you see on your TV.





## Welcome to the World of BRAVIA®


Thank you for purchasing this Sony BRAVIA Internet Video Link receiver. This manual is for model DMX-NV1. The packing box contains accessories that are listed on page 51.


For optimum picture performance, your BRAVIA TV with **XMB™** (XrossMediaBar) and DMe<sup>x</sup> interface is capable of receiving high definition programming through your high-speed Internet connection. (Broadband Internet connection of at least 10 Mbps recommended for HD content.)

## A Snapshot of the BRAVIA Internet Video Link



Item	Description
1 POWER LED	Indicates the status of the receiver (see page 10).
2 NETWORK LED	Indicates network connectivity and activity (see page 10).
3 SERVICE Port	For software update and future use.
4 HDMI Input Port	Connects to an additional HDMI device (e.g. HD-DVR).
5 HDMI OUT Port	Connects to HDMI input on TV.
6 LAN Ethernet Port	Connects to network device (e.g. router, wireless bridge).
7 DMe <sup>x</sup> Port	Connects to DMe <sup>x</sup> /SERVICE input on TV.
8 DC IN 9V	Connects to the supplied AC adapter with AC cord.

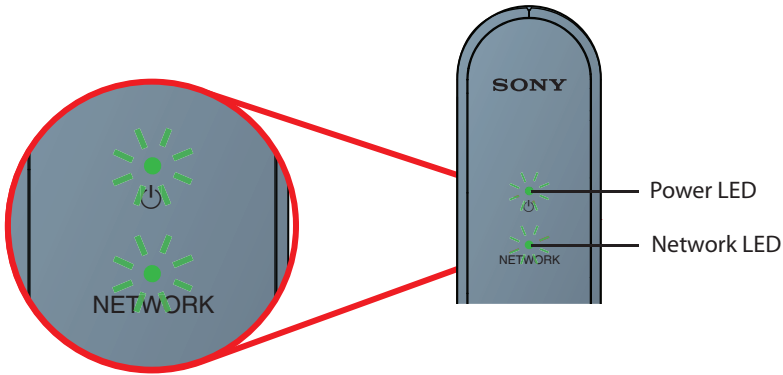
 HDMI input port 4 works as a pass-through port which allows you to connect an additional HDMI device (see page 43).



 The BRAVIA Internet Video Link cannot be accessed through the TV's external inputs. Access it on the **XMB™**. (See **Accessing the Receiver on the XMB™** on page 16.)

LED Indicators

Power LED Indicators	
Green	The receiver is powered on.
Orange (Blinking)	The receiver is installing new software (do not disconnect AC power).
Red (Blinking)	Unable to connect to TV. Check cable connections.

Network LED Indicators	
Green	The receiver is connected to the home network.
Green (Blinking)	The receiver has network activity.



-  Make sure your home network is connected to the Internet.
-  Check the Troubleshooting section for additional information on LED indicators.

## Setting up the BRAVIA Internet Video Link

Perform the following simple tasks to setup your receiver: make the cable connections, connect to the Internet, and attach the receiver to your TV. Be sure to turn off your TV before making any cable connections.



Refer to the section **Attaching the Receiver to Your TV** on page 20 for attachment instructions.

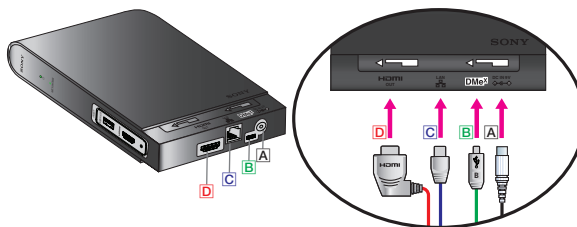
The receiver is packaged with the Cable Cover attached. Begin by removing the Cable Cover as shown below.



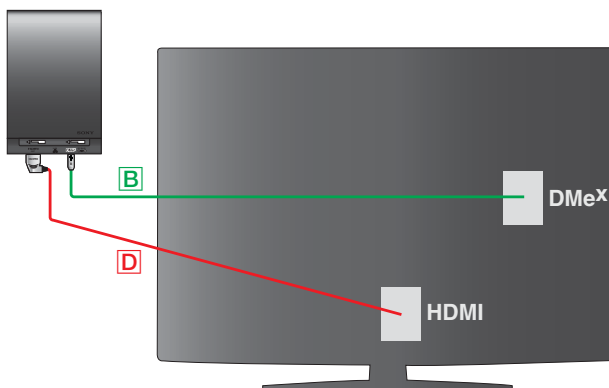
Gently slide the Cable Cover toward the rear side of the receiver, then pull down.


## Cable Connections

- 1 Connect the four cables to your receiver in the order shown below.



- A** Connect the AC adapter to the DC IN 9V port on the receiver. Do not plug into the wall outlet at this time.
  - B** Connect the small (mini B) end of the USB cable to the DMe<sup>x</sup> port on the receiver.
  - C** Connect one end of an Ethernet cable (not supplied) to the LAN Ethernet port on the receiver.
  - D** Connect the L-shaped end of the HDMI cable to the HDMI OUT port on the receiver.
- 2 Connect the USB and HDMI cables to your TV as illustrated below.
- B** Connect the large (type A) end of the USB cable to the DMe<sup>x</sup>/SERVICE port on the TV.
  - D** Connect the straight end of the HDMI cable to any HDMI port on the TV.




 The rear view and location of the ports as shown may differ from your TV set.

## Connect to the Internet

### Sony Recommended Connection Speed

<b>Standard Definition Video</b>	2.5 Mbps
<b>High Definition Video</b>	10 Mbps

 Illustrations are not drawn to scale.

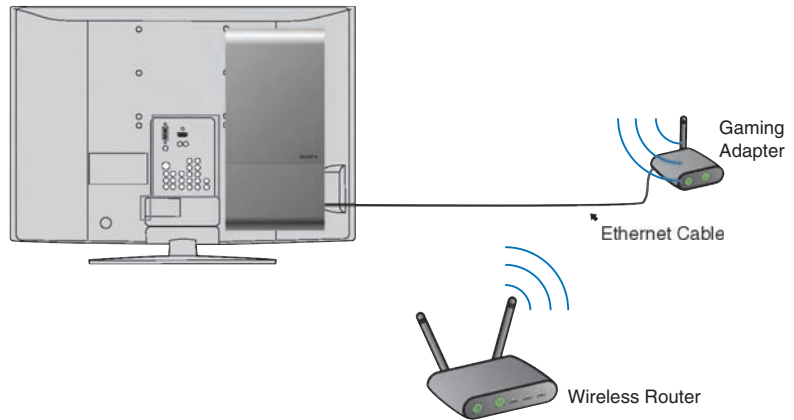
There are several ways to connect your receiver to the Internet. Find your connection method in the list below and proceed to that step. Please read and follow the directions carefully.

**Option 1** Gaming Adapter as a Wireless Bridge Connection

**Option 2** Powerline Ethernet Adapter Connection

**Option 3** Direct Router Connection


### Option 1. Gaming Adapter as a Wireless Bridge Connection



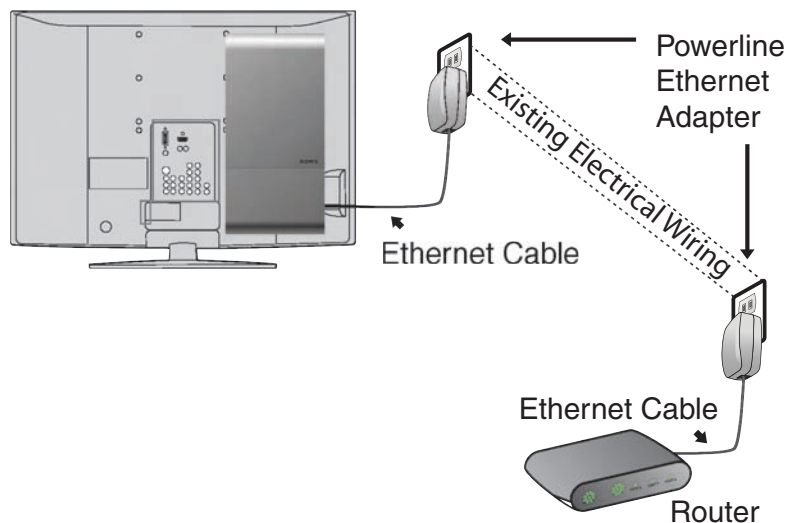
Requirements: Ethernet Cable, Wireless Router, Gaming Adapter or other wireless device serving as a wireless bridge.

- 1** Ensure that your gaming adapter has an established Internet connection.
- 2** Connect the Ethernet cable between the receiver and the gaming adapter.

Proceed to the section **Confirm Connection** on page 15 to confirm the connection.

 A gaming adapter is used as a wireless bridge in this example. Other devices could possibly be used as a wireless bridge. Consult your device's instructions for more information.

### Option 2. Powerline Ethernet Adapter Connection

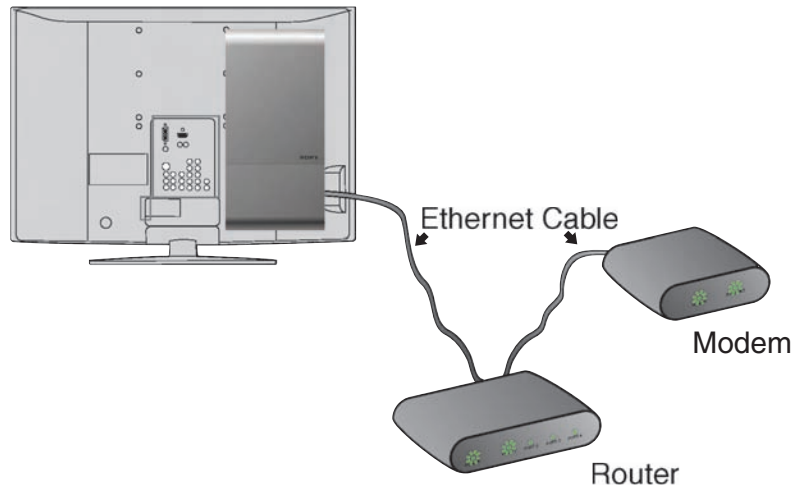


Requirements: Ethernet Cable, Powerline Ethernet Adapter

- 1** Plug in a Powerline Ethernet Adapter with an established Internet connection to the power outlet located closest to the receiver.
- 2** Connect an Ethernet cable between your receiver and the Powerline Ethernet Adapter.  
Be sure that a second Powerline Ethernet Adapter is connected to your modem.
- 3** Proceed to **Confirm Connection** on page 15 to confirm the connection.



We recommend that Powerline Ethernet adapters are not connected to surge protectors or power strips.

**Option 3. Direct to Router Connection**

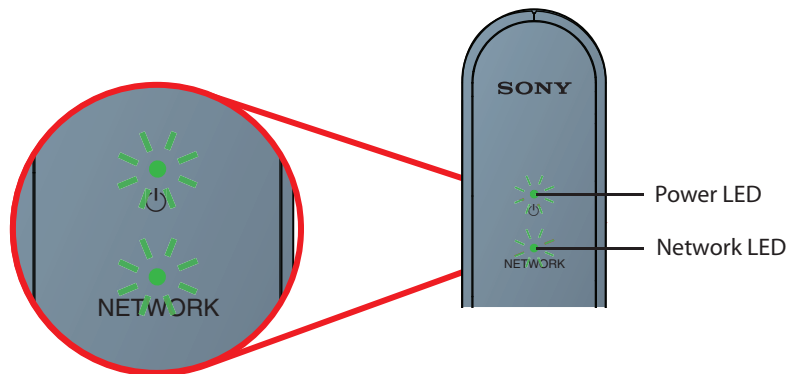
Requirements: Ethernet Cable, Router

- 1** Connect an Ethernet cable between your receiver and the router.

Proceed to the section **Confirm Connection** below, to confirm the connection.

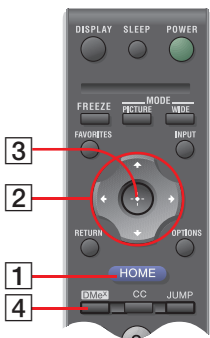
**Confirm Connection**

- 1** Plug in the receiver.
- 2** Power on the TV.
- 3** Confirm the LED lights are green as shown below.



See LED Indicators on page 10 for a description of all LED indicator colors.

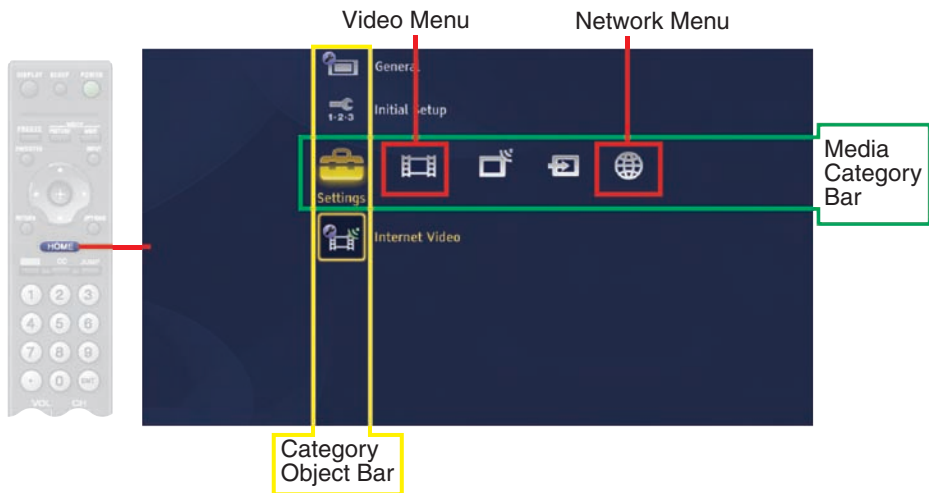
## Basic Remote Control Instruction



- 1 Press the **HOME** button on your TV's remote control to access the **XMB™**.
- 2 Press the **↑/↓/←/→** buttons to navigate.
- 3 Press the **⊙** button to make selections.
- 4 Press the **DMe<sup>x</sup>** button to confirm your connection and to access **My Page** (see page 36).

## Accessing the Receiver on the XMB™

The BRAVIA Internet Video Link is fully integrated into the **XMB™** (XrossMediaBar). When the receiver is properly connected to the TV and has made a successful Internet connection, new icons related to the BRAVIA Internet Video Link will be available on the **XMB™** (see page 19).



- You can only access the BRAVIA Internet Video Link from the **XMB™** or by pressing the **DMe<sup>x</sup>** button on your TV's remote control.
- The receiver is not accessible by switching external inputs using the **INPUT** button on the remote control. See page 43 for more information.
- Depending on the TV model, the Media Category Bar may have additional icons on the **XMB™**.



## Confirm Network Connection

Follow these instructions to confirm that your Internet Video Link receiver is properly connected.

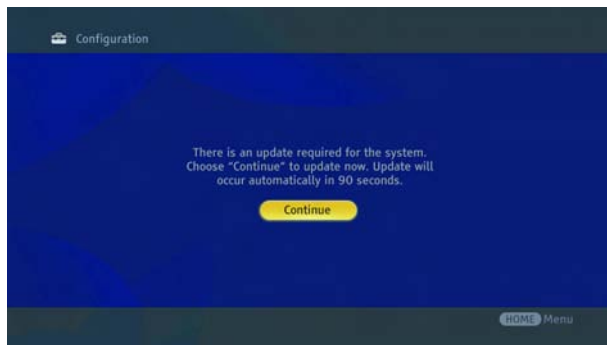
- 1 Press the **DMe<sup>x</sup>** button on your TV's remote control to view the connection status.



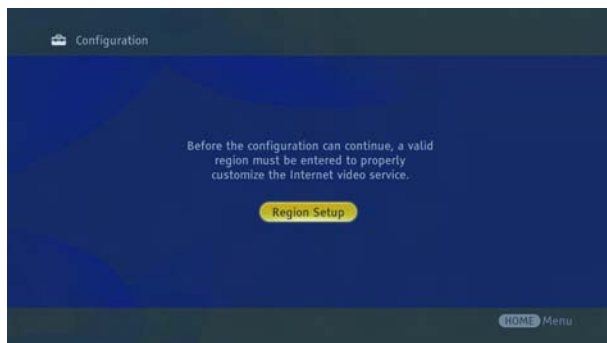
If "Feature available with DMeX module" appears on the screen, wait a few moments and try again.

- 2 The first time the receiver is connected to the Internet, the software may need to be updated. If the screen below does not appear, proceed to step 3.

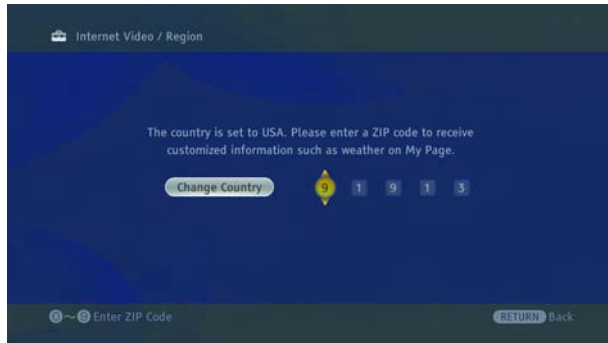
Press the **+** button on your TV's remote control to choose **Continue** and install the update. The update may take a few minutes to complete.



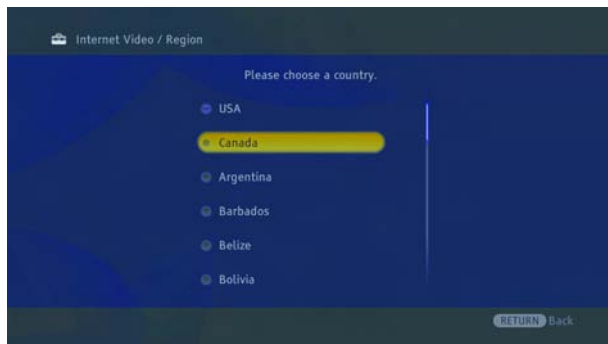
- 3 To continue the connection, begin **Region Setup** to enter your region settings and customize your receiver.



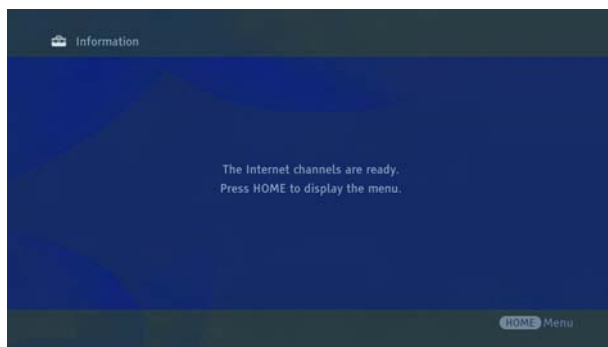
The default country is the United States. Press the **▲/▼/◀/▶** and **0-9** buttons to enter your ZIP code.



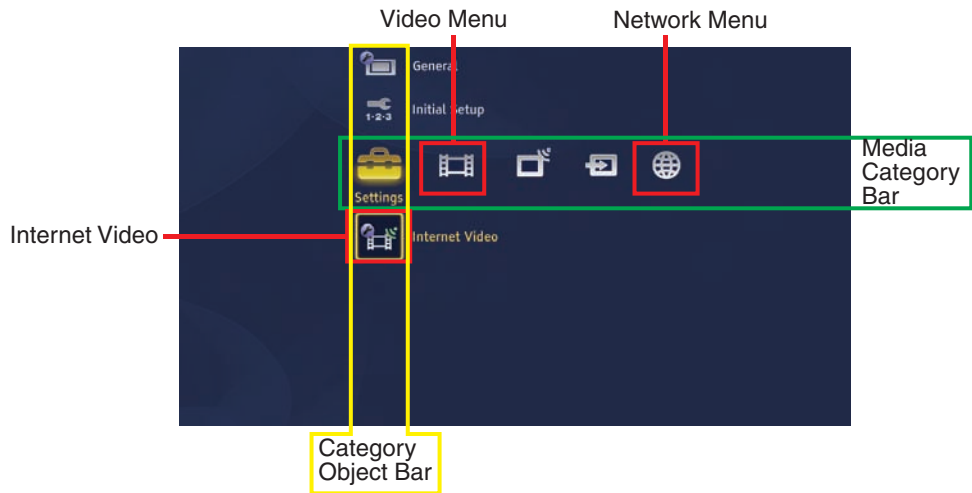
Press the **◀** button on your TV's remote control to switch countries if applicable. Highlight your country and press the **+** button (see page 47 for the **Country and City List**).



- 4 Once you have setup your region, the receiver will attempt to connect to the Internet. Upon successful connection to the Internet, you will see the screen below.




- 5 Press the **HOME** button on your TV's remote control to access the **XMB™** (XrossMediaBar). These icons associated with the receiver will appear. New services are available on the **Network** and **Video** menus, and Internet Video Link settings are available on the **Internet Video** menu.



**IMPORTANT:** Do not press the **INPUT** button on the remote control to access the BRAVIA Internet Video Link. It is available on the **XMB™**.

## Exiting Your Receiver

There are several ways to exit the BRAVIA Internet Video Link and resume watching your regular TV programming.

- Press the **HOME** button and scroll to TV. Highlight a channel to watch and press . OR
- Change the TV's input by pressing the **INPUT** button. This will change the input and exit your receiver. OR
- Press the **HOME** button and scroll to **External Inputs**. Selecting any input will exit your receiver.
- From **My Page**, press the **DMe<sup>x</sup>** button to toggle to previous input.



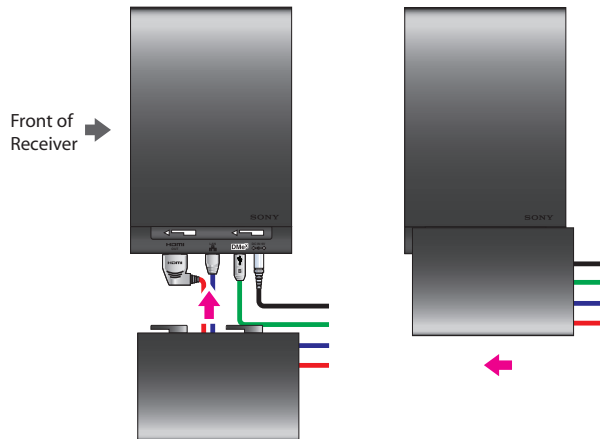
Unplugging the AC adapter with AC cord from the wall will disconnect the receiver.

## Attaching the Receiver to Your TV

The attachment location of the receiver varies by TV model as shown below in illustrations A-F.

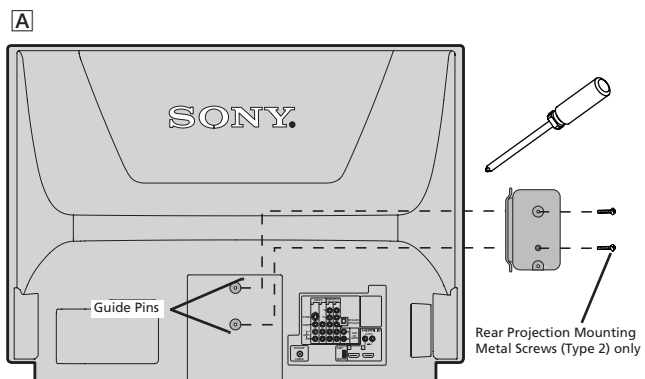
Before you begin the attachment, slide the Cable Cover back into place.

Make sure the notches on the Cable Cover align with those indicated on the receiver.

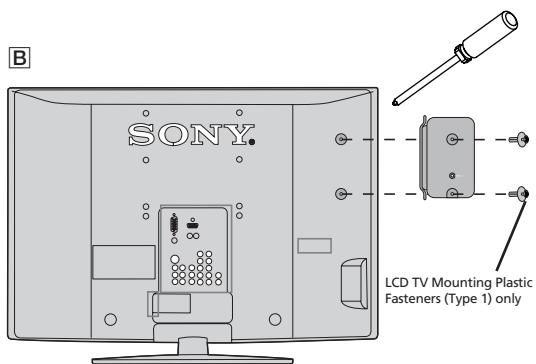


### Mounting to the Back of Your TV

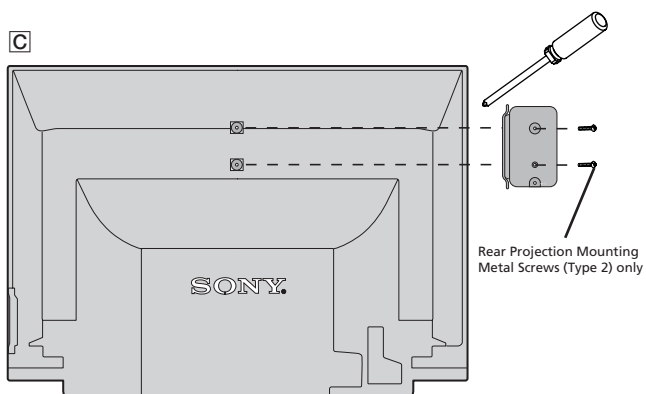
- 1 Find the location where you will need to attach the receiver. The receiver can also be used as a stand-alone (see page 25).



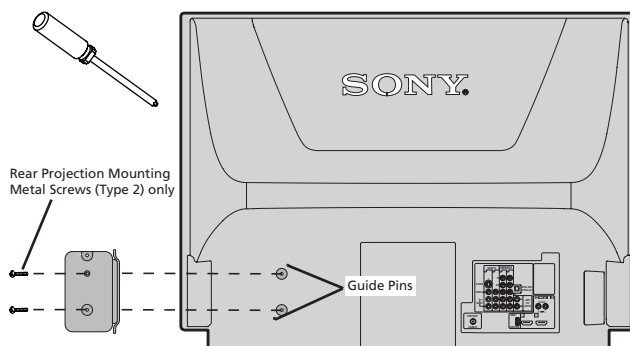
B

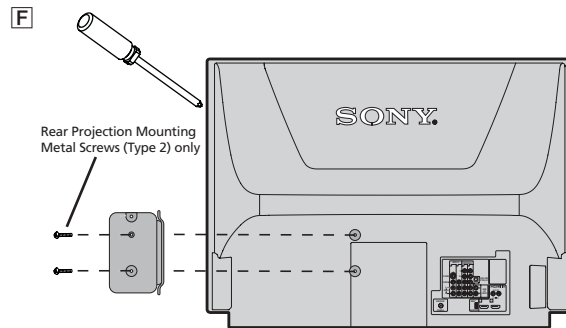
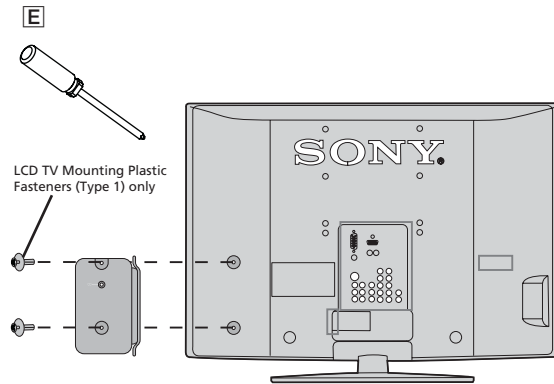


C

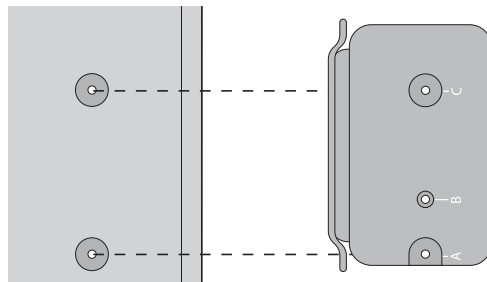


D

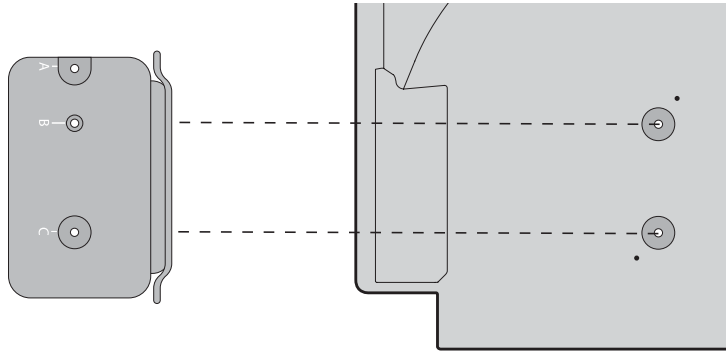




- 2** Take the bracket and match the holes on the bracket to the screw holes on the back of your TV.

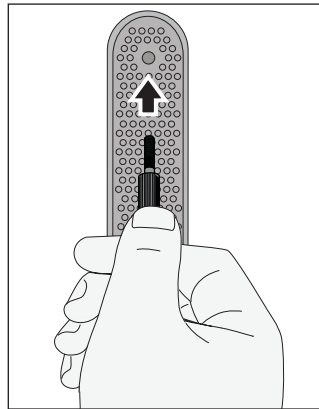


The screw holes on the TV are shown with the bracket (holes A and C) for right side attachment to the LCD-TV.



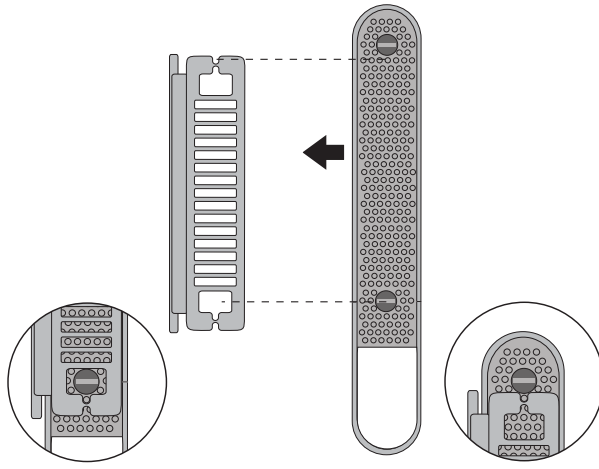
The screw holes and guide pins shown on the back of Rear Projection TV with the bracket (holes B and C) for left side attachment.

- 1** Use the LCD TV Mounting Plastic Fasteners (Type 1) or Rear Projection Mounting Metal Screws (Type 2) to attach the bracket to your TV. Do not over tighten the screws and use only the screws designated for your TV type.
- 2** Take the Mounting Knobs and hand twist into place as shown.



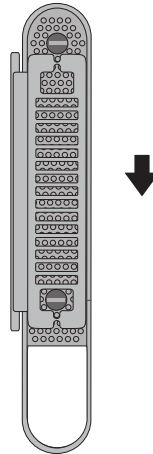
Do not over tighten the Mounting Knobs.



- 3** Thread the bottom Mounting Knob through the bottom hole on the bracket. The top Mounting Knob should be sitting on the groove.



The bottom Mounting Knob thread in the hole and the top Mounting Knob sits on the groove.

- 4** Lightly push the receiver down so that both Mounting Knobs are locked into place.



-  Make sure that cables are organized with the Cable Cover so that the cables hang out on the same side as the Mounting Knobs and on the front side of the receiver.
-  If difficult to mount the receiver, remove the TOP Mounting Knob. Reposition the receiver to the bracket then tighten with the Mounting Knob to keep in place.



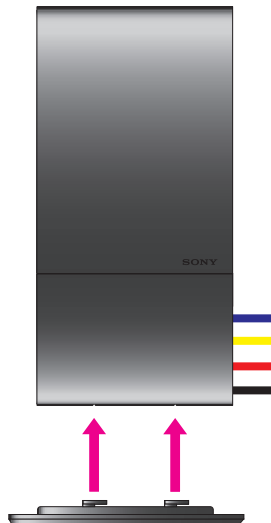
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## Using the Receiver as a Stand-alone

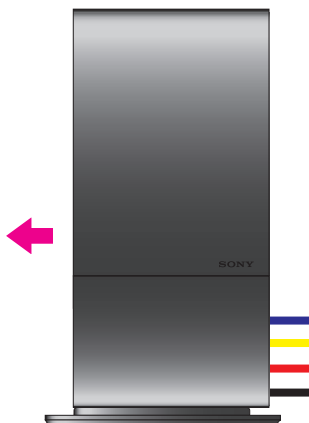
The receiver can be used as a stand-alone in a vertical position or in a horizontal position depending on your preference.

### For vertical stand-alone use

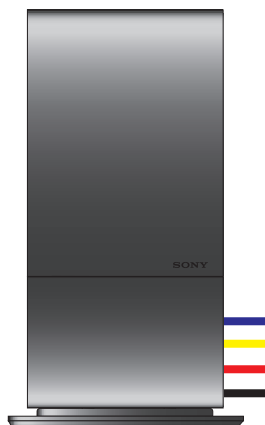
- 1 Align the notches on the stand with the opening found at the bottom of the Cable Cover.



- 2 Slide to lock in place.

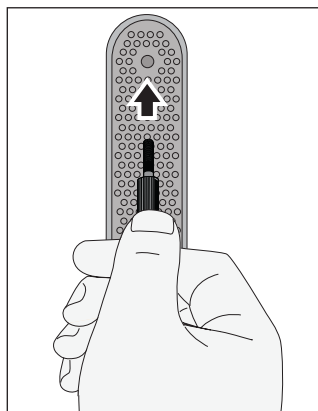


- 3** The receiver is ready.



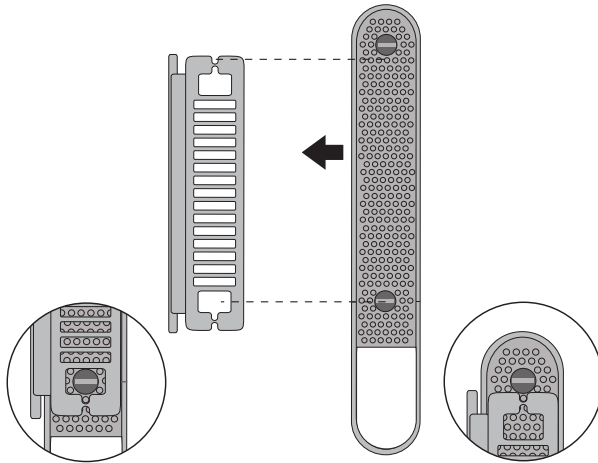
**For horizontal stand-alone use**

- 1** Take the Mounting Knobs and hand twist into place as shown.



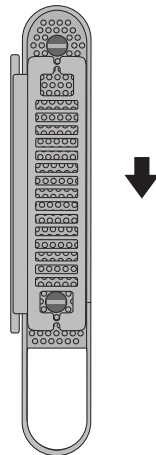
Do not over tighten the Mounting Knobs.

- 2** Thread the bottom Mounting Knob through the bottom hole on the bracket. (The bracket should not be attached to the back of TV for this type of use.) The top Mounting Knob should be sitting on the groove.

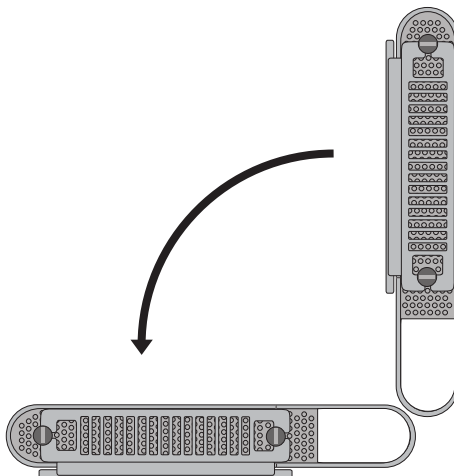


The bottom Mounting Knob thread in the hole and the top Mounting Knob sits at the groove.

- 3** Lightly push the receiver down so that both Mounting Knobs are locked into place.



- 4** Rest the receiver down horizontally with the bracket side down. The bracket will protect the receiver from scratches.




- 5** The receiver is ready. Make sure that the front side (with the LED indicators) of the receiver is facing you.

# Navigating with Your TV's Remote Control

## Remote Control



 This remote control may differ from your own. Model shown is RM-YD018.

To operate this Internet Video Link receiver, use your Sony TV's remote control equipped with the **DMe<sup>x</sup>** button. If your TV's remote control does not have this button, your TV is not compatible with this receiver.

Button	Description
<b>1 DISPLAY</b>	Displays the <b>Control Panel</b> in the <b>Video Player</b> .
<b>2 RETURN</b>	Returns to the previous screen. On some menus, this button saves your settings. Help text on the bottom of the screen will tell you when this applies.
<b>3 HOME</b>	Opens the <b>TV Home Menu/ XMB™</b> (XrossMediaBar), where you can access the features of the BRAVIA Internet Video Link.





<b>4 DMe<sup>x</sup></b>	Opens <b>My Page</b> . See page 36 for more details.
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Press again to toggle back to previous input.

**Navigating with Your TV's Remote Control**



Button	Description
<b>5</b> INPUT	Press to access external equipment connected to the TV via the receiver (see page 43).
<b>6</b> 	Press to make or confirm a selection. While viewing a video, press to <b>Pause</b> the video. Press again to <b>Play</b> . When fast-forwarding or rewinding a video, press to resume play.
<b>7</b> 	Press to move up, down, left or right on the screen. While viewing a video, press ➡ to move forward (fast-forward) and ⬅ to move backward (fast-reverse). Also works with the ►► and ◀◀ buttons (on certain remotes). Press ▲ to zoom in and ▼ to zoom out. For more information, see page 34.
<b>8</b> OPTIONS	Press to display <b>Options</b> menu. Available options depend on the current menu (see pages 33 and 34).
<b>9</b> CH+	Press to skip ahead to the next video in the queue.



## Internet Video Menu

The main menu of the BRAVIA Internet Video Link is **Internet Video**, located in the **Settings** menu on the **XMB™**. Highlight and select the **Internet Video** icon to access this exclusive menu. The following options are available from the **Internet Video** menu.

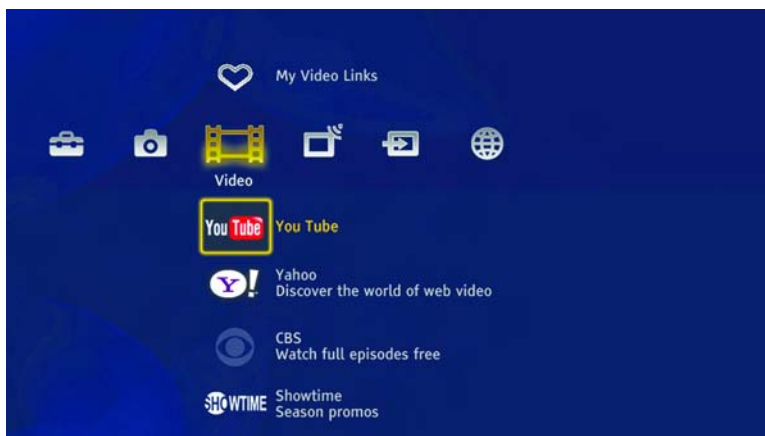
Option	Description
<b>Network Setup</b>	Complete network setup.
<b>Region</b>	Complete or change your region settings (see page 18).
<b>Software Update</b>	Update your software (see page 44).
<b>Restore Default Settings</b>	Change network and region settings to default (see page 50).
<b>Device Information</b>	Get information about your specific receiver (see page 45).
<b>Restart Internet Channels</b>	Refresh the Internet channels.



## Video Menu

When the receiver is connected to the Internet, the **Video** icon will appear on the Media Category Bar.

Option	Description
<b>My Video Links</b>	Display the saved videos (see page 35).
<b>Internet Channels</b>	Select an Internet channel to view available videos (see page 33).

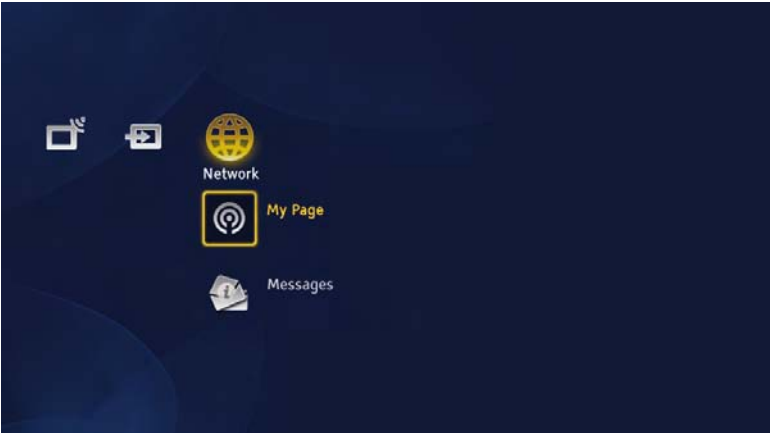




# Network Menu

The **Network** menu also appears on the Media Category Bar when the receiver is connected.

Option	Description
My Page	Open <b>My Page</b> (see page 36).
Messages	Read important messages (see page 38).





# Internet Video Link Features

## Internet Video Guide

Select an Internet channel to view its Internet Video Guide. Videos are arranged by category.

To display the Internet Video Guide:

- 1 Press **HOME** to display the **XMB™**.
- 2 Press **◀/▶** to highlight the **Video** icon.
- 3 Press **▲/▼** to highlight an Internet channel and press **+**. You will be taken to the channel's **Home Category**.



The **Parental Lock** function set on the TV will block video content based on the appropriate TV or Movie Rating. See your TV's Operating Instruction Manual for information on activating and using your **Parental Lock**.



Videos are arranged by **Categories**. Find available **Categories** on the **Options** menu.



- 4 Press the **OPTIONS** button to select a different category and view additional videos.
- 5 Press **▲/▼/◀/▶** to highlight the thumbnail of the video you want to view, then press **+** to play the video.



To view more items on the list, press **CH +/-** to display the next page.



Press **DISPLAY** to see more information on the highlighted video.

## Options Menu

Option	Description
<b>Sort By</b>	Choose to sort the videos by the options available.
<b>Home Category</b>	Choose to return to the <b>Home Category</b> .
List of Categories	Choose to view additional categories and videos.
<b>Save this Link</b>	Choose to save video to a folder for easy repeat viewing (see page 35).

Video Playback

The video playback may take a few moments to load and will start upon successful connection to the Internet channel. The video loading status is displayed on your screen.

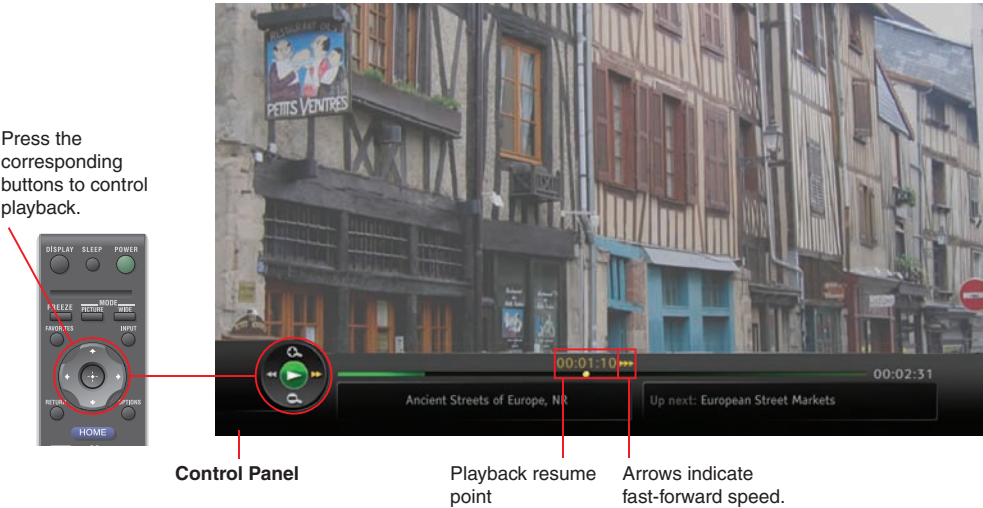
The **Control Panel** opens when a video begins and closes after five seconds of non-use.

Fast-forward and Fast-reverse

Some Internet channels allow you to fast-forward and fast-reverse. Press ➡ to move forward in the video. Press ⬅ to move backward.

The **Control Panel** will appear with a yellow dot indicating the point at which the playback will resume. To resume playback, press ⏮. See the illustration below for details.

✎ To increase the speed of fast-forward or fast-reverse, press the corresponding button up to three times.



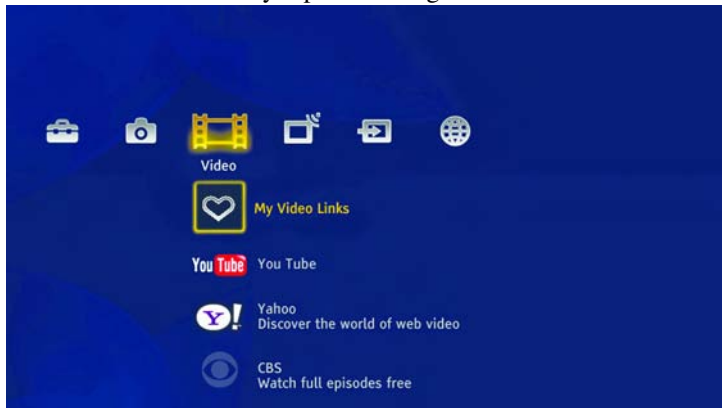
Options Menu

Other options are available from the **Options** menu.

Option	Description
Restart	Replay the video from the beginning.
Next	Skip to the next video.
Control Panel	Display the control panel.


## My Video Links

**My Video Links** is a feature which allows you to save video links from the Internet Video Guide for easy repeat viewing.




### Save this Link

- 1 Choose an Internet channel's Internet Video Guide (see page 33).
- 2 Highlight a video you would like to save.
- 3 Press **OPTIONS**.
- 4 Select **Save this Link**.
- 5 You will then be returned to the **Internet Video Guide**.

 This feature may not be available with all Internet channels.

### View My Video Links

- 1 Press the **HOME** button and highlight the **Video** icon on the **XMB™**.
- 2 Choose **My Video Links** and press **+**.
- 3 The videos are presented as thumbnails. Press **▲/▼/◀/▶**, or **CH +/-** to browse.
- 4 Highlight the video and press **+** to begin video playback.

 You can see how many videos you have saved to **My Video Links** by looking at the number in the lower right-hand corner of the screen.

### Remove this Link

- 1 Choose **My Video Links** on the **XMB™**.
- 2 Press the **OPTIONS** button.
- 3 Choose **Remove this Link** and press **+**.
- 4 Select **Yes** to confirm or **No** to cancel.

 A video saved to **My Video Links** may not be available if the Internet channel deletes it from their server.

## My Page

**My Page** gives you quick and convenient information with the single click of a button. It is recommended that you complete **Region** setup (see page 18) to customize the information to your local area.

Press the **DMe<sup>x</sup>** button on your TV's remote control to access **My Page**. You can also access **My Page** from the **Network** menu on the **XMB™**.



**My Page** powered by Yahoo! keeps you up-to-date with local news, weather, and traffic.



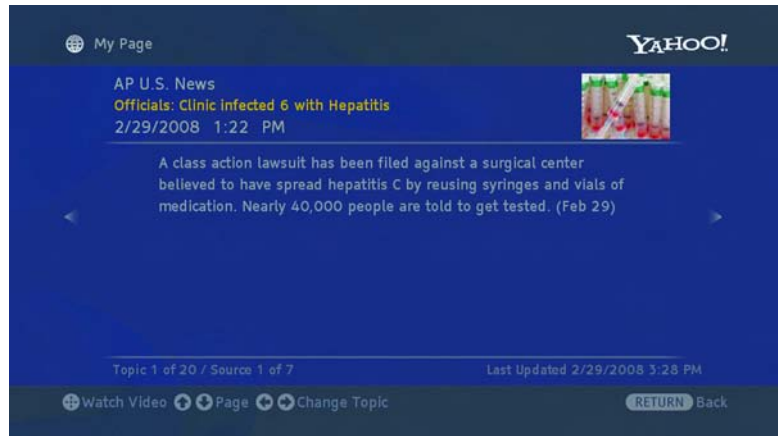
Availability of localized information varies by region.

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## News

**My Page** brings you the latest news from a variety of sources.

- 1 Press **▲/▼** to change the news source.
- 2 Press **◀/▶** to change the news topic.
- 3 Press **⊕** to read the current news topic in more detail.



- 1 Press **▲/▼** to read an article longer than one page.
- 2 Press **◀/▶** to view another article in the current topic.
- 3 Press **RETURN** to exit the current article and return to **My Page**.



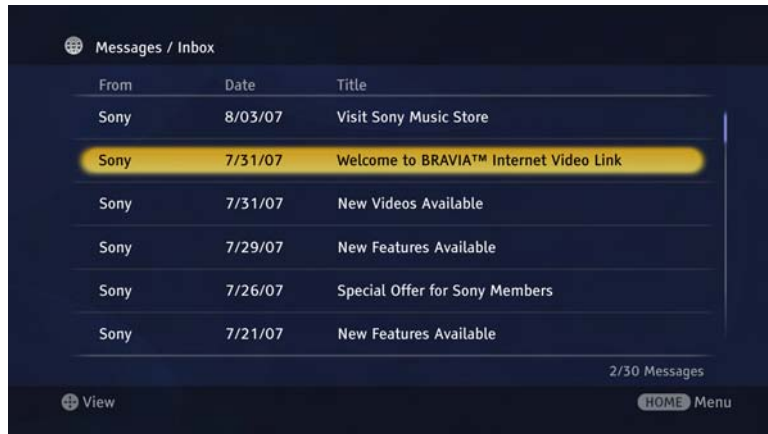
The numbers after Topic in the lower left-hand corner indicate the number of articles in the current topic and the total number available.

## Messages

Your **Messages Inbox** is where you will find important messages about new features, video content providers, and more.

To access the **Messages Inbox**:

- 1 Press the **HOME** button to display the **XMB™**.
- 2 Press **◀/▶** to highlight the **Network** icon.
- 3 Press **▲/▼** to highlight the **Messages** icon.
- 4 Press **⊕** to open the **Messages Inbox**.



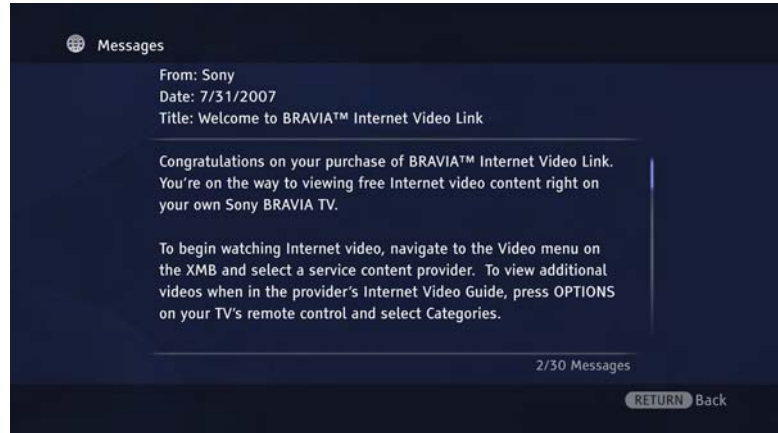
The **Messages Inbox** lists several messages on each page. Message information shown includes the sender, the date sent, and the title of the message.



Messages will be deleted automatically from the **Messages Inbox**.

## Reading Your Messages

You can browse through the **Messages Inbox** or highlight a message to read in its entirety. Press **+** to open the highlighted message. The message will open on your screen.



- 1 Press **▲/▼** to read through a message longer than one page.
- 2 Press **RETURN** to go back to the **Messages Inbox**.

## Send from PC to TV

With the **Send from PC to TV** feature, videos from the Internet can be viewed on your TV.



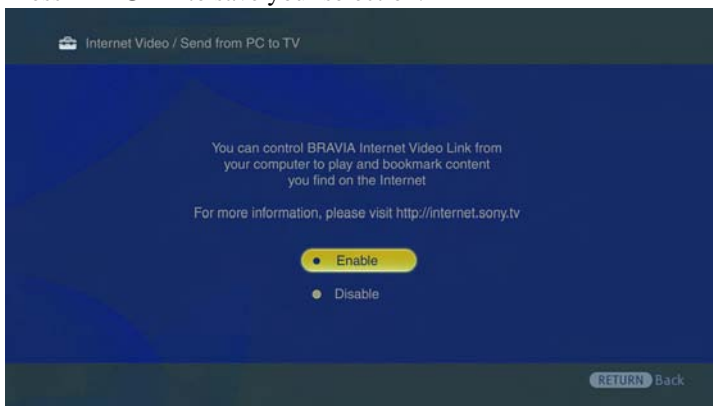
Not all file formats are supported for playback.

### Setting up Send from PC to TV

Follow the steps below to configure your receiver and PC.

#### Configuring the BRAVIA Internet Video Link

- 1 From the **Settings** menu on the XMB™, highlight the **Internet Video** icon and press **+**.
- 2 Highlight **Send from PC to TV** and press **+**.
- 3 Highlight **Enable** and press **+**.
- 4 Press **RETURN** to save your selection.



#### Downloading the utility file

To use **Send from PC to TV**, you will have to install a software utility. Choose an Internet browser to use, then follow the steps below to configure your PC.

- 1 Using your computer and an Internet web browser, go to the BRAVIA Internet Video Link homepage at <http://internet.sony.tv> and login or register a new account. From the home page select the link “Software Utilities.”
- 2 Follow instructions on the page to download the file associated with your Internet browser and save it to your computer.
- 3 Configure your browser by following the instructions for either Internet Explorer or Firefox below.



**Configuration for Internet Explorer**

- 1** Locate the file you just downloaded in step 2 above and run it to install the utility.
- 2** Once the utility is installed, select Start from the main Windows menu, then select Programs.
- 3** Select Send from PC to TV Configuration
- 4** Type in your IP address (this can be found on the **Device Information** menu; see page 45 for details).
- 5** Close all browser windows and restart Internet Explorer.
- 6** Your web-browser is ready. Proceed to “Using Send from PC to TV” below for usage instructions.

**Configuration for Firefox**

- 1** In the Firefox browser, select File from the top menu.
- 2** Select Open File and browse to the location where you saved the utility file in step 2 above.
- 3** Select Install once the option is visible in the browser Add-ons window.
- 4** Restart the browser when prompted to complete the installation.
- 5** Once the browser restarts, select the Tools menu.
- 6** Select Send from PC to TV options.
- 7** Type in your IP address (this can be found on the **Device Information** menu; see page 45 for details).
- 8** Your web-browser is ready. Proceed to “Using Send from PC to TV” below for usage instructions.

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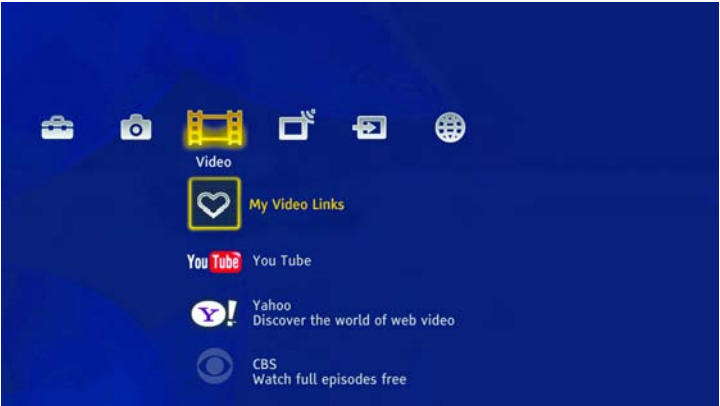
**Using Send from PC to TV**
**Playing a Video**

- 1** Make sure the TV is turned on and the receiver is connected.
- 2** Locate a video link on the Internet that you would like to play.
- 3** With your mouse, right click the video link to access the Context menu and select Send from PC to TV Play/Pause to play the video. (See the table on the next page for other available options.)
- 4** The video will begin to play on your TV.

**Saving a Video to My Video Links**

- 1 When you locate a video link on the Internet that you want to save, use your mouse to right-click on the file and select Send from PC to TV Bookmark.
- 2 Enter a title and description of the video.

**Viewing a Video Saved in My Video Links**




- 1 On the TV, select the **My Video Links** icon from the **Video** menu on the **XMB™**.
- 2 Identify the video to view by highlighting the thumbnail and viewing the title and description that you entered when saving it.
- 3 Press **+** to begin playback.

**Context Menu Options in the Internet Browser**

In your selected browser, right-click on any video link to access the following options for playback on the TV.

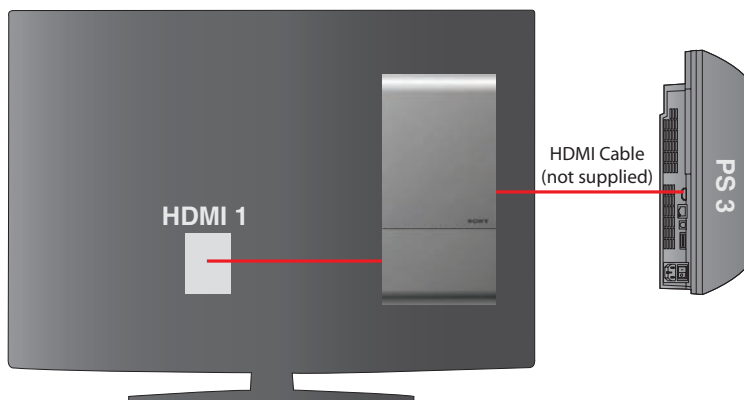
<b>Send from PC to TV Bookmark</b>	Select to save the video into <b>My Video Links</b>
<b>Send from PC to TV Play/Pause</b>	Select to Play or Pause the video
<b>Send from PC to TV Stop</b>	Select to Stop the video

 Not all content found on the Internet will play on the BRAVIA Internet Video Link.

## Using the HDMI Input Port

The HDMI Input port on the front side of the receiver works as a pass-through port. This allows you to connect an external HDMI device to your TV via the receiver. You can connect a Playstation®3 or other HDMI device. Follow the instructions below to use the pass-through port. Turn off your TV before connecting additional devices.

- 1 Connect an HDMI cable (you will need to supply your own cable) between the pass-through port on the front side of the receiver and the HDMI device as illustrated below.



- 2 Power on the TV and the additional device.
- 3 Press the **INPUT** button and toggle to the HDMI input that your receiver is connected to on the TV. If your receiver is connected to HDMI 1, then the PS3 (or other external device) can be accessed by selecting HDMI 1. You can also label this input. See your TV's Operating Instruction Manual for further details on labeling inputs.



Some HDMI devices have features which use HDMI-CEC control signals. Some of these features are not supported by this pass-through mode.

## Updating the Receiver

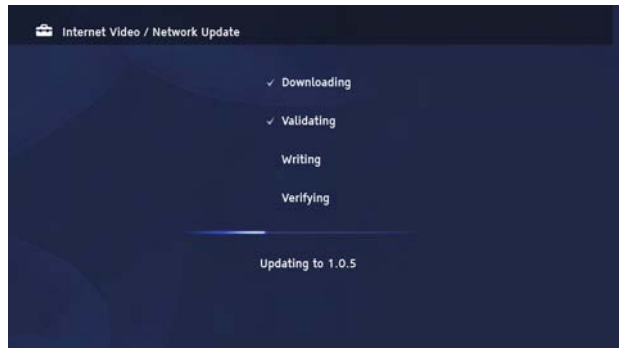
Your BRAVIA Internet Video Link may need occasional software updates for new features and product enhancements. Please check your **Messages Inbox** periodically to see if a software update is available.



The Power LED is orange while the receiver is updating. Do not unplug the AC power cord during an update.

### To update directly through the network

- 1 Press the **HOME** button and highlight the **Settings** icon on the **XMB™**.
- 2 Select **Internet Video**.
- 3 Select **Software Update**.
- 4 Select **YES** to confirm software update. You may see a blank screen for a few moments.
- 5 Follow the displayed instructions. Agree to the End User License Agreement to install the update (if prompted).
- 6 A progress screen will notify you of the update status. When the update is complete, your receiver will power off and back on automatically. Please note that the receiver will power up into pass-through mode after a software update (see page 43 for more information on pass-through).
- 7 Press the **HOME** button to access the **XMB™**.



Normal receiver functions are inaccessible during the update and will resume once the update is completed.



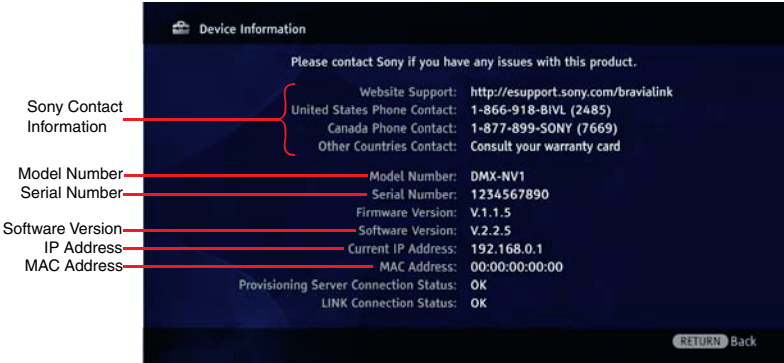
You may access your TV's regular programming until the update is complete.



If power is interrupted during an update, the receiver will power on into update mode.

Device Information

To locate your BRAVIA Internet Video Link’s device information, select the Internet Video icon from the **Settings** menu. Then, select **Device Information**.

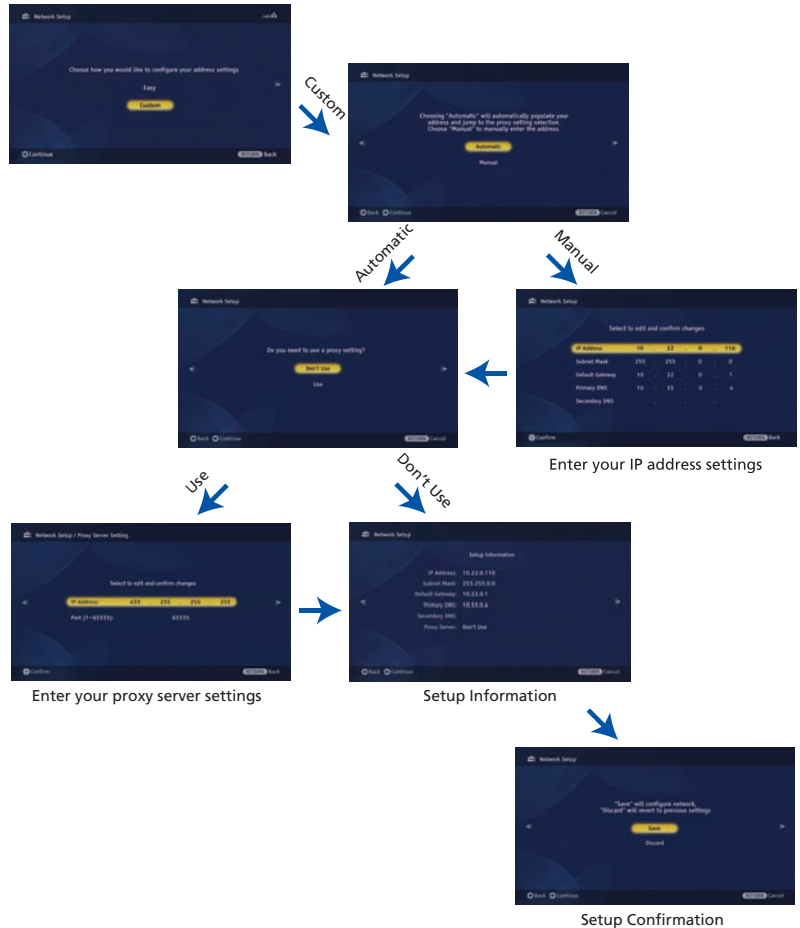


## Optional Network Setup

The **Custom** setup allows you to enter your own IP address by selecting **Manual** and enter your proxy server settings by selecting **Use**.  
**FOR ADVANCED USERS ONLY.**

- 1 Press the **HOME** button and choose the **Settings** icon on the **XMB™**.
- 2 Select **Internet Video**.
- 3 Select **Network Setup**.
- 4 Select **Custom**.
- 5 Follow the steps below to complete your **Custom** setup.

Follow the on-screen instructions



Upon completing these steps, return to the **Confirm Connection** section on page 15 to verify your successful home network connection and complete the setup.

- IP address, Subnet Mask, Default Gateway and Primary DNS values are required when manually entering your address information.
- Values between 0 and 255 are possible.
- Be sure that your home network is connected to your broadband Internet service.

## Country and City List

This is a listing of cities available in **Region Setup**. For **My Page** to display the most accurate information, please choose the city closest to you.

### USA

(Enter Zip Code)

### Canada

(Enter Postal Code)

### Argentina

Buenos Aires  
Cordoba  
La Plata  
Rosario

### Barbados

All

### Belize

Belize City  
Corozal Town  
Dangriga  
Orange Walk Town  
Punta Gorda

### Bolivia

Cobija  
Cochabamba  
La Paz  
Oruro  
Potosi  
Santa Cruz de la Sierra  
Sucre  
Tarija  
Trinidad

### Brazil

Belém  
Belo Horizonte  
Brasília  
Campinas  
Curitiba  
Duque de Caxias  
Fortaleza  
Goiania  
Guarulhos  
Maceió  
Manaus  
Porto Alegre  
Recife  
Rio de Janeiro  
Salvador  
São Gonçalo  
São Luis  
São Paulo  
Teresina

### Chile

Antofagasta  
Puente Alto  
San Bernardo  
Santiago  
Talcahuano  
Temuco  
Valparaíso  
Viña del Mar

### Colombia

Barranquilla  
Bogota  
Cali  
Cartagena  
Medellin

### Costa Rica

Alajuela  
Cartago  
San Jose

### Dominican Republic

Santiago de Los Caballeros  
Santo Domingo de Guzman

### Ecuador

Cuenca  
Guayaquil  
Machala  
Manta  
Portoviejo  
Quito  
Santo Domingo

### El Salvador

San Miguel  
San Salvador  
Santa Ana

### Guatemala

Escuintla  
Guatemala City  
Quetzaltenango

### Guyana

Bartica  
Georgetown  
Linden  
New Amsterdam  
Skeldon

### Haiti

Cap-Haïtien  
Port-au-Prince

## ***Other Information***

### Honduras

Tegucigalpa

### Mexico

Acapulco

Aguascalientes

Chihuahua

Ecatepec

Juárez

León

Mérida

México City

Monterrey

Nezahualcóyotl

Puebla

San Luis Potosí

Tijuana

Tlalnepantla

### Nicaragua

Chinandega

Granada

León

Managua

Masaya

### Panama

Changuinola

Chitré

Colón

David

La Chorrera

San Miguelito

Santiago

### Paraguay

Asunción

Ciudad del Este

San Lorenzo

### Peru

Arequipa

Chiclayo

Chimbote

Cusco

Huancayo

Iquitos

Lima

Piura

Trujillo

### Puerto Rico

Bayamón

Caguas

Carolina

Ponce

San Juan

### Uruguay

Las Piedras

Maldonado

Melo

Montevideo

Paysandú

Rivera

Salto

Tacuarembó

### Venezuela

Barquisimeto

Caracas

Ciudad Bolívar

Ciudad Guayana

Maracaibo

Maracay

Valencia



## Troubleshooting

If you have additional questions, service needs, or required technical assistance related to the use of your Sony receiver, please visit our website or call one of the following numbers:

<http://esupport.sony.com/bravialink>

1-866-918-BIVL (2485) for US Residents

1-877-899-SONY (7669) for Canadian Residents

Condition	Explanation/Solution
<b>No picture</b>	
Cannot see video and network category icons on <b>XMB™</b> .	<input type="checkbox"/> Make sure the receiver's power cord is connected securely. <input type="checkbox"/> Turn on the power of the TV. <input type="checkbox"/> Check connections to the receiver.
Black screen	<input type="checkbox"/> Press <b>HOME</b> to access the <b>XMB™</b> . Look for the <b>Internet Video</b> icon on the <b>Settings</b> menu. If this icon does not appear, check the connections to your TV (see page 12). <input type="checkbox"/> Your receiver may be in pass-through mode. See page 43 for more details on pass-through.
<b>Video quality</b>	
Poor Picture	<input type="checkbox"/> The quality of the video displayed on your TV depends on the quality of the video provided by the video content provider as well as your connected bandwidth. Sony recommends a broadband Internet connection of at least 2.5 Mbps to view content (10 Mbps for HD content).
Small Picture	<input type="checkbox"/> Press <b>▲/▼</b> to zoom in and out.
Black frame appears around the video.	<input type="checkbox"/> Some videos are filmed in aspect ratios other than 16:9. Your TV will show these videos surrounded by a black frame. Press <b>▲/▼</b> to zoom in or out.
Certain programs display a loss of detail, especially during fast-motion or dark scenes.	<input type="checkbox"/> Video quality and picture size varies and is dependent upon broadband speed and delivery by content providers.
<b>No sound/Poor sound</b>	
Good picture, no sound.	<input type="checkbox"/> Check the volume control. <input type="checkbox"/> Press <b>MUTING</b> or <b>VOL +</b> so that "Muting" disappears from the screen. <input type="checkbox"/> Disconnect your headphones. <input type="checkbox"/> Set <b>Speaker</b> to <b>On</b> in the <b>Setup</b> settings (see your TV's Operating Instruction Manual). If it is set to <b>Off</b> , sound is not output from the TV's speakers regardless of the TV's volume control. <input type="checkbox"/> Quality depends on content provided by the video content provider as well as your connected bandwidth. <input type="checkbox"/> If your TV is connected to home A/V equipment, check the audio settings on your TV (see your TV's Operating Instruction Manual). <input type="checkbox"/> Due to the nature of Internet video, not all videos will contain sound.
<b>General</b>	
Remote control does not operate.	<input type="checkbox"/> Check the polarity of the batteries or replace the batteries. <input type="checkbox"/> Point the remote control at the remote control sensor of the TV. <input type="checkbox"/> Florescent lamps can interfere with your remote control operation; try turning off the florescent lamps. <input type="checkbox"/> Keep the remote control sensor area clear from obstacles.
Video saved to <b>My Video Links</b> does not play.	<input type="checkbox"/> Videos removed by the video content provider may no longer be accessible. Follow the instructions on page 35 to <b>Remove this Link</b> .
The receiver's Power LED is blinking orange.	<input type="checkbox"/> The receiver is writing new software. Do not disconnect AC power.

## Other Information

Condition	Explanation/Solution
The receiver's Power LED is blinking orange and green.	<input type="checkbox"/> Call the Sony Service Center for support.
I have <b>Parental Lock</b> enabled, but it does not block some content.	<input type="checkbox"/> <b>Parental Lock</b> will block video content based on the appropriate TV or Movie Rating. See the TV's Operating Instruction Manual for more information.
My receiver is stuck in update mode.	<input type="checkbox"/> You must accept an update to use the product.
I do not see many videos in the Internet Video Guide.	<input type="checkbox"/> Press the <b>OPTIONS</b> button and select Categories to view more content. <input type="checkbox"/> Check your TV parental ratings, you may be blocking too much content.
No video playback when using <b>Send from PC to TV</b> .	<input type="checkbox"/> Unsupported formats will not play. Supported formats include: .ASF (WMV9 Video/WMA Audio), .MOV (AVC or H.264 Video/AAC-LC Audio), and .MP4 (AVC or H.264 Video/AAC-LC Audio).
How to reset the receiver to default settings.	<input type="checkbox"/> Press the <b>HOME</b> button to access the <b>XMB™</b> on your TV. On the <b>Settings</b> menu, select <b>Internet Video</b> . Next, select <b>Restore Default Settings</b> and press <b>Enter</b> . Confirm the change by highlighting <b>Yes</b> and pressing <b>Enter</b> . A confirmation screen will display. <b>WARNING:</b> This will reset your region and network settings.

## Specifications

<b>Model</b>	<b>DMX-NV1</b>
<b>Power Requirements</b>	AC 120V 60Hz
<b>Power Consumption</b>	9W
<b>DC Input</b>	9V
<b>Video Signal</b>	1080i fixed output to DTV
<b>Input/Output Ports</b>	
<b>Terminals</b>	DC In (9V) x1 (for supplied AC adapter only)
<b>Ethernet (Network)</b>	x1 (base)
<b>DMe<sup>x</sup></b> (for connection to compatible TV)	x1 (base)
<b>USB Host</b>	x1 (side, for service use)
<b>HDMI IN</b>	x1 (side, HDMI for pass-through)
<b>HDMI Out</b>	x1 (base, for use with DMe <sup>x</sup> compatible TV only)
<b>Dimensions</b>	
<b>Receiver Alone</b>	4.1 x 6.4 x 1.3 (in)
<b>Receiver with Cable Cover</b>	4.1 x 8.5 x 1.3 (in)
<b>Receiver with Stand</b>	4.1 x 8.8 x 4.3 (in)
<b>Weight</b>	1.1 lbs
<b>Supplied Accessories</b>	
<b>HDMI Cable</b>	x1 (1.5m, L-shape connector for DMX-NV1)
<b>USB Cable</b>	x1 (1.5m, A to mini-B)
<b>AC Adapter with AC Cord</b>	x1 (DC cord 1.8m, AC cord 1.9m)
<b>Mounting Bracket</b>	x1 (for LCD TV or Rear projection TV)
<b>Stand</b>	x1
<b>Cable Cover</b>	x1
<b>Quick Setup Guide</b>	x1
<b>Attachment Guide</b>	x1
<b>Warranty Card</b>	x1
<b>Supplied Screws</b>	1) LCD TV Mounting Plastic Fasteners (Screw Type 1) x2 2) Rear Projection Mounting Metal Screws (Screw Type 2) x2 3) Receiver to Mounting Bracket Thumb Screws (Mounting Knobs) x2



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## For Your Convenience

### **Please contact Sony directly if you:**

- Have questions on the use of your module after reading the Operating Instruction manual and Quick Setup Guide
- Experience difficulty operating your module

### **Contact Sony Customer Support at:**

**<http://esupport.sony.com/bravialink>**

**or to speak with a support representative:**

#### **United States**

1-866-918-BIVL (2485)

#### **Canada**

1-877-899-SONY (7669)

Sony will work to resolve your questions more quickly than your retailer or place of purchase.

**Please Do Not Return the Product to the Store**

